



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, Recess for labels, B=Pushbutton green, label: I, 1 NO, spring-type terminal, A=Pushbutton red, label: O, 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, Labels enclosed

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Enclosures
<b>product type designation</b>	3SU1
<b>equipment of commanding and signaling device</b>	A = Pushbutton / B = Pushbutton
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>of supplied contact module</li> <li>of supplied contact module at the command point A 1</li> <li>of supplied contact module at the command point B 2</li> <li>of supplied communication module</li> <li>of the supplied holder</li> <li>of the supplied holder at the command point A</li> <li>of the supplied holder at the command point B</li> <li>of the supplied actuator</li> <li>of the supplied actuator at the command point A</li> <li>of the supplied actuator at the command point B</li> <li>of supplied empty enclosure</li> <li>of supplied accessory</li> <li>of the supplied accessories at the command point A</li> <li>of the supplied accessories at the command point B</li> </ul>	<p>A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0  <a href="#">3SU1400-2AA10-3CA0</a>  <a href="#">3SU1400-2AA10-3BA0</a></p> <p>AB = 3SU1400-2EK10-6AA0  A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0  <a href="#">3SU1500-0AA10-0AA0</a>  <a href="#">3SU1500-0AA10-0AA0</a></p> <p>A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0  <a href="#">3SU1000-0AB20-0AA0</a>  <a href="#">3SU1000-0AB40-0AA0</a>  <a href="#">3SU1802-0AA00-0AB1</a></p> <p>A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0  <a href="#">3SU1900-0AF16-0QA0</a>  <a href="#">3SU1900-0AF16-0QB0</a></p>
<b>Enclosure</b>	
<b>design of the housing</b>	with recess for label
<b>shape of the enclosure front</b>	rectangular
<b>material of the enclosure</b>	plastic
<b>number of command points</b>	2
<b>product component</b>	
<ul style="list-style-type: none"> <li>EMERGENCY STOP device</li> <li>protective collar</li> </ul>	No No
<b>color of the enclosure top part</b>	grey
<b>delivery state</b>	
<ul style="list-style-type: none"> <li>as a kit</li> <li>pre-wired on strip terminal</li> </ul>	No Yes
<b>fastening method of the enclosure</b>	Vertical
<b>Actuator</b>	
<b>design of the actuating element</b>	Pushbutton / pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
<b>color of the actuating element</b>	A = red / B = green

<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	2
<b>type of unlocking device</b>	A = none / B = none
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	plastic
<b>color of the front ring</b>	black
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	0
<b>General technical data</b>	
<b>product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12K, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A
<b>continuous current of the DIAZED fuse link gG</b>	10 A
<b>Substance Prohibitation (Date)</b>	10/01/2014
<b>operating voltage</b>	
• at AC	
— at 50 Hz rated value	18 ... 31.6 V
— at 60 Hz rated value	18 ... 31.6 V
• at DC rated value	18 ... 31.6 V
<b>cable entry type</b>	Adapter ASI shaped cable (insulation displacement method) M20 cable entry
<b>Communication/ Protocol</b>	
<b>design of the interface for communication</b>	AS-i
<b>type of electrical connection of the communication interface</b>	Insulation piercing technology top/right
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Connections/ Terminals</b>	
<b>type of electrical connection of modules and accessories</b>	Spring-type terminal
<b>type of electrical connection on enclosure</b>	Adapter ASI shaped cable (insulation displacement method)
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>tightening torque of fixing screws in the enclosure cover</b>	1.5 ... 1.7 N·m
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
<b>environmental category during operation according to IEC 60721</b>	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel)
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method of modules and accessories</b>	Floor mounting

height	134.4 mm
width	85 mm
depth	75 mm
shape of the installation opening	round

Accessories	
number of labels	2
marking of the name plate for command devices	A = O / B = I
color of the label	A = black / B = black
number of inscription plates	0

### Certificates/ approvals

#### General Product Approval



[Confirmation](#)



Declaration of Conformity	Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Confirmation](#)

[Environmental Confirmations](#)

### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1802-0AB10-4HB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AB10-4HB1>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AB10-4HB1>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en)

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